

3.2 Awards and Special Recognition – Environmental Project

NHS alumnus Alison Worth earned high honors at the 2013 and 2014 CCPS Science Fair for her environmental science project that focused on a solution for less developed countries with poor drinking water sources. For two years, Alison worked to find natural fibers that could be used for filtering water so as to make it potable. She received a lot of recognition for her dedicated work on this research topic.



Some recognition of Ms. Worth's project was in the form of special awards given by environmental groups like this one by the Cove Point Natural Heritage Trust, Inc.

**Calvert County Science and Engineering Expo Special Award Winners
2014**

(To view website, click link below)

[Calvert County Public Schools: View Submission](#)

Calvert County Agricultural Commission

Award - \$50

Name: Sarah Donaldson, Mae Howlin, Hanna Porter

Project Title: Solanum Lycopersicum Magnified

School: NMS

Award - \$50

Name: Alyssa Gray

Project Title: Does Aspirin Help Plants Grow?

School: NHS

Southern MD Resource Conservation and Development Board, Inc.

Award \$50 + t-shirt

Name: Gayathri Plakkot

Project Title: Bye Bye Free Radicals

School: WHMS

Award \$50 + t-shirt

Name: Brandon Pierce and Nathan Tyndall

Project Title: Effects of pH on the Production of Hydrogen

School: CHS

Calvert County Waterman's Association

Award \$50

Name: Alison Worth

Project Title: Fertilizer Impact on Algae Blooms

School: NHS

Award \$50

Name: Brandon Pierce and Nathan Tyndall

Project Title: Effects of pH on the Production of Hydrogen

School: CHS

Water and Waste Operators Association of MD, DE, and DC

Award \$50

Name: Alison Worth

Project Title: Fertilizer Impact on Algae Blooms

School: NHS

Award \$25

Name: Brandon Pierce and Nathan Tyndall

Project Title: Effects of pH on the Production of Hydrogen

School: CHS

Cove Point Natural Heritage Trust

Award \$100

Name: Brandon Pierce and Nathan Tyndall

Project Title: Effects of pH on the Production of Hydrogen

School: CHS

Award \$100

Name: Gayathri Plakkot

Project Title: Bye Bye Free Radicals

School: WHMS

Award \$50

Name: Alison Worth

Project Title: Fertilizer Impact on Algae Blooms

School: NHS

Award \$50

Name: Sarah Donaldson, Mae Howlin, Hanna Porter

Project Title: Solanum Lycopersicum Magnified

School: NMS

Southern Maryland Audubon Society

Award: 1-yr Subscription to the National Audubon Society Magazine and 1-yr Membership to Southern Maryland Audubon Society

Name: Alison Worth

Project Title: Fertilizer Impact on Algae Blooms

School: NHS

Name: Sarah Donaldson, Mae Howlin, and Hannah Porter

Project Title: Solanum Lycopersicum Magnified

School: NMS

Calvert County Science and Engineering
2014 EXPO Winners
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Grand Award \$100, a medal, a plaque, and an invitation to PG Regional Science Fair

Junior: Gayathri Plakkot (WHMS) Bye Bye Free Radicals

Senior: Chris Crunkleton (NHS) An Exo-Suit for the Common Man

Awards of Excellence \$50, a medal, and an invitation to PG Regional Science Fair

Rachel Evans (SMS) Rethink That Drink

Eli Haley (NHS) Mass Production of Graphene

Brandon Pierce and Nathan Tyndall (CHS) Effects of pH on the Production of Hydrogen

Alison Worth (NHS) Fertilizer Impact on Algae Blooms

Awards of Merit \$25

Surjo Bandyopadhyay (PHS) The Sound Conductor

Dylan Bramos (SMS) Effect of Engine Size on Rocket Altitude

Ricky Dalrymple, Alex Desverreaux, and Joe Keffler (HHS)

Acela: Turning Radius

Charleen Fischer (HHS) Texting and Driving: It Can Wait

Kaliyah Gorman (HHS) Do Subliminal Messages Work?



This is Alison's water project story in the 2013 *Patriot Images* yearbook.